



Coming Soon

Chemiluminescence & Fluorescence Alliance IRIS

The new Alliance IRIS is the latest generation top end imaging system on the market for chemiluminescence and fluorescence Western blots. IRIS not only presents the highest optic sensitivity with an aperture of f/0.75 but also strong innovative features for unmatched precision and detection.

Dims > Height: 670 mm - Width: 435 mm - Depth 540 mm

Weight > 70 Kg

FOV > 21 x 26 cm

Practicality

- ▶ **1-click to image** > effortless acquisition, in no time
- ▶ **Full automation** > autofocus, motorized optics
- ▶ **Slide Out tray** > hassle-free sample positioning
- ▶ **All-in-one software** > acquisition – editing – analysis, straight away

Optics

- ▶ **9.2 megapixels** > massive resolution, HD pictures
- ▶ **f/0.75 custom lens** > unrivalled camera sensitivity
- ▶ **3 stage Peltier Cooling** > absolute -30°C
- ▶ **OD 4.8 dynamic range** > outstanding weak/strong detection ratio

Applications

- ▶ **Femtogram-level** > stunning detection of faintest signals
- ▶ **Uvipure© technology** > enhanced UV for EtBr and all safe stains
- ▶ **Confocal discs** > boosted detection of fluorescent signals
- ▶ **Multiplexing** > up to 7 excitation simultaneous channels

Design

- ▶ **Standalone system** > touch screen 15.7 inches and integrated PC
- ▶ **Innovative UV** > LED 310nm - UV tubes available
- ▶ **Motorized filter wheel** > large selection of narrow emission filters
- ▶ **Robustness** > stainless steel and epoxy paint

▶ Chemiluminescence	Western blotting
▶ Fluorescence	DNA and RNA gels with fluorescent stains
▶ Epi Fluorescence	Optional selection of NIR / RGB excitation source from 9 available
▶ Bioluminescence	In-vivo Luciferase and Fluorescence
▶ Visible Imaging	Optional Colorimetry and Protein gels

Chemiluminescence & Fluorescence

Alliance IRIS●

1953 | Cambridge University | J. Watson and F. Crick discover the DNA double helix structure based on Rosalind Franklin famous "Photograph 51". This breakthrough not only unveiled the secrets of genetic information; it also brought certainty on the very essence of life itself. Today, following in the footsteps of these great scientists, we are committed to provide you certainty by guaranteeing quality images with **IRIS**.

*"Nothing in life is to be feared,
it is only to be understood."*

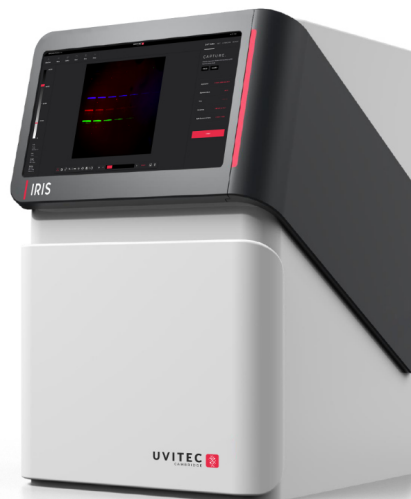
Marie Curie (1867-1934)

● **I**nnovative

In the spirit of sustainable environment, Uvitec Cambridge is the first to introduce a UV-LED Pad technology to ensure a smooth transition from our traditional UV-Pads. IRIS is simply **innovative**.

● **R**eliable

IRIS is your **reliable** companion. IRIS offers high performance illumination and is fully customizable with a choice of up to 9 different wavelengths. Achieve more accurate quantification and fewer crosstalk issues. Gain confidence in your results and push the boundaries of your protein detection.



● **S**ensitive

IRIS is the most **sensitive** imager. Delve into a world of proprietary optics, offering unmatched resolution. IRIS detects your weakest signals thanks to deep camera cooling and f/0.75 lens aperture: smaller the number, more light your device collects. IRIS leaves no room for uncertainties.

● **I**ntuitive

IRIS is a revolutionary and **intuitive** molecular imager, automating routine tasks as never seen before. IRIS sets up your data and allows you to go straight to analysis. The integrity of your raw data is maintained.

Make It Visible